

JOB DESCRIPTION

Designation	Biomedical Engineering Research Assistant (TP Career Kickstarter)
School/Department	School of Engineering / Healthcare Engineering Centre (HEC)
Number of Position	1
Duration	12 months

Key Responsibilities
<ul style="list-style-type: none">• Design and fabricate biosensors and microfluidic devices.• Develop electrical and mechanical components of medical devices.• Train interns, Major Project students, and international exchange students.• Assist in the running of CET/PET courses.• Assist in the following on-going projects:<ul style="list-style-type: none">- CRISPR/Cas-powered Point-of-care Testing for Rapid Identification of Antibiotic (MOE-TIF, Apr 24 – Mar 26)- Room-Temperature Stored Creatinine Biosensing Strip for At-Home Point-of-Care Monitoring of Chronic Kidney Disease (TPRF, Aug 24 – Jul 26)

Prerequisites
<ul style="list-style-type: none">• Qualification with suitable disciplines such as Biomedical Engineering, Electronics or Mechatronics.• Strong written and verbal communication skills.• Able to think analytically with attention to detail.• Positive attitude and willingness to learn.• Able to work independently with minimal supervision when required.